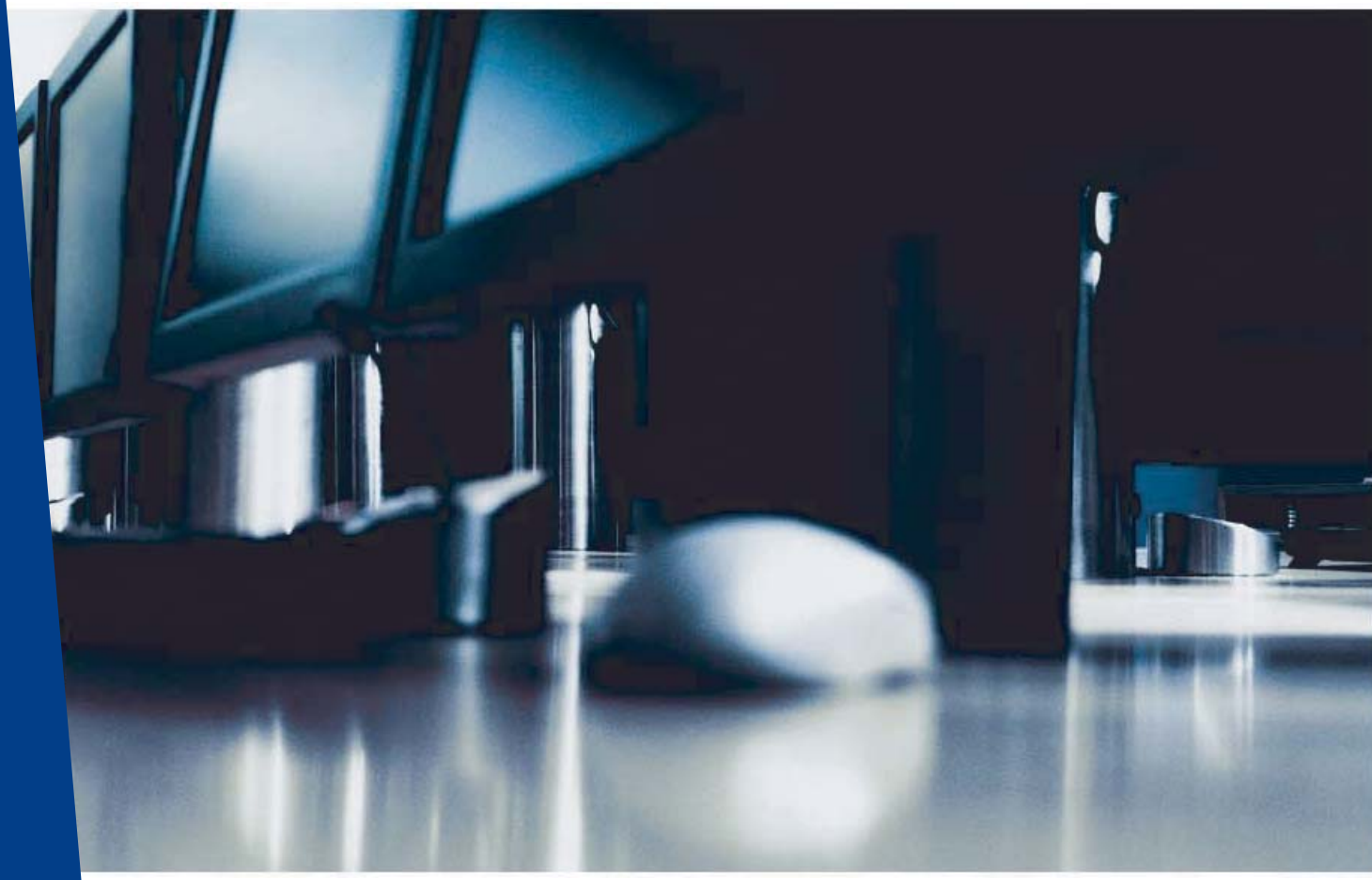
GigaX series



Layer 2 Smart Switch for SMBs

24 10/100 Ports + 2 Gigabit Ports + CNM SMART Switch

ASUS CNM

ASUS CNM- Centralized Network Management is a web based management tool that allows administrators to manage the switches for better performance, e.g. port based VLANs, recognize COS and QoS priority queues.

Smart Switch

Physical Interface

Bandwidth Setup

GX 1024P

ASUS Networks BUILT TO CONNECT

Layer 2 Smart Switch for SMBs

GigaX1024P Series

The Perfect Solutions for SMBs

GigaX1024P is a layer 2 smart switch for deploying SMBs network. Superior then GigaX1024, GigaX1024P provides with 2 extra Gigabit ports and ASUS CNM (Web-based centralized network management), which makes it the Smart Choice for MIS professionals

The non-blocking wire-speed switching in a 19" form factor that fits in the standard 19" rack and is just as easy on a desk due to its compact design. The plug and play design, Auto MDI/MDIX and Auto speed and duplex mode negotiation functions ensure a more reliable, trouble-free network.

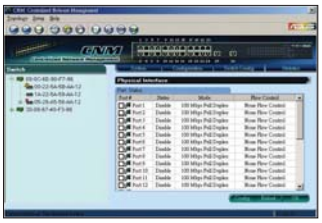
Benefits and Advantages

24 10/100 Ports + 2 Gigabit Ports + CNM SMART Switch

- Recognize CoS by 4 priority levels using CNM
- Support up to 32 group port based VLAN
- ASUS CNM-Centralized Network Managemen
- Complies with IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX)
- Auto negotiation of speed (10/100Mbps), and duplex mode.
- 8K MAC addresses with automatic address learning and aging.
- IEEE 802.3x Flow Control support for 10/100Mbps full duplex
- Back pressure support for 10/100Mbps half duplex
- Forwarding modes: Store-and-Forward.
- Quality of Service Features
  a. Two transmit queues for each port.
  b. Based on VLAN Priority Tag or IPv4 DSCP field.
- Auto MDI/MDX
- Full wire-speed switching on all ports

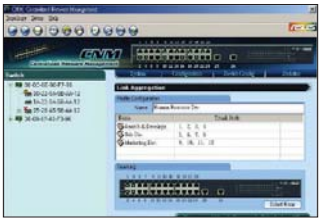
ASUS CNM

ASUS CNM- Centralized Network Management is a web based management tool that allows administrators to manage the switches for better performance, e.g. port based VLANs, recognize COS and QoS priority queues.

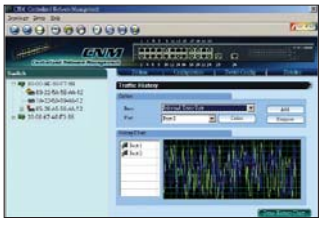


Physical Interface

Bandwidth Setup



Link Aggregation



Traffic Monitoring

Key Features:

- Switch discovery
- Topology map
- Port status monitoring
- Statistic charts
- Physical interface setup
- Link aggregation setup
- Bandwidth control setup
- Setup of up to 32 port based VLANs
- IGMP snooping setup
- Port configurations
- Network diagnostics

Package Contents

- GigaX1024 Switch
- Power Cable
- Quick Installation Guide
- Mounting Kit (2 Brackets and 6 Screws)

Specifications

Port Attributes	• 24 RJ-45 10/100Mbps ports • 2 RJ-45 Gigabit ports • AC Power • Auto MDI/MDIX • Auto-negotiation: Speed, duplex mode, flow control
Physical Specification	• Dimension: 44 cm (H) x 44.4 cm (W) x 20 cm (D) (1.71" x 17.48" x 7.87") • Weight: 2.2Kg
LEDs	• Port: Status, Speed, Duplex/Collision • Device: Power
Standard Compliance	• IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 8023ab 1000BASE-T • IEEE 802.3x Flow Control
Performance	• Up to 8000 MAC addresses with automatic address learning and aging. • Switch Fabric Capability: 8.8 Gbps • Packet Forwarding Rate: 6.6 Mpps
Features	• Store-and-forward. • Full wire-speed switching on all ports • Back-pressure in half-duplex and flow control in full-duplex operation. • CoS: recognizes 802.1p tagged values • QoS: 2 transmit queues per port. • Source address learning and aging function • 8 Trunk groups • IGMP snooping • Port management and diagnosis • Bandwidth control on Tx/Rx in 128Kbps
Power Requirement	• Power supply: AC, 90~240VAC, 50/60HZ • Power consumption: 12W Maximum
Environmental Specification	• Operating Temperature 0 to 40 C • Non-operating Temperature -25 to 70 C • Humidity 5% to 95% (Non-condensing) • Vibration IEC 68-2-36 • Shock IEC 68-2-29 • Drop IEC 68-2-32
Safety	• UL1950 • TUV
EMC	• FCC Part 15 Class A • CE Mark